I   DEPARTMENT/AGENCY

Division of Administration/Office of Electronic Services

II   PROJECT TITLE

LouisianaMAP

III   PROJECT LEADER

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IV   DESCRIPTION OF THE PROJECT

LouisianaMAP is a 24-month project to revolutionize e-government in Louisiana by providing a reliable, consistent geographic information and services component. The project consists of three tightly coupled initiatives. The first is a comprehensive state plan for production, acquisition, and management of key geographic framework information. The initial version of this plan, known as the Implementation Team Geospatial Framework Data Plan (I-Team Plan), will be released in September 2003. Thereafter the plan will be continually maintained to reflect the current government needs, missions, priorities and major geospatial technology advancements.

The second component of LouisianaMAP is the web-based geospatial portal. The portal will provide state and local government decision makers, academia, and the general public access to and dissemination of the geographic framework data. The Portal will also provide services for analysis of user supplied information in the context of the geographic framework data. The LouisianaMAP portal will be implemented in the Louisiana.gov web environment. This will require augmentation of the Louisiana.gov architecture with technology that is specific to the handing and analysis of geographic information in a web-based environment. The initial release of the portal is now scheduled for early October 2003 with planned enhancements throughout the project to support user needs that are identified in the I-Team Plan.

The third component of the project, the LouisianaMAP Academy, will also be activated in October 2003 to provide training for the use of the data and geographic services provided through the portal. Academy sessions will be conducted on a scheduled basis consistent with user demand.

V   PROJECT STATUS

    A.   Brief Summary

The I-Team plan and the geospatial portal components are progressing well. The Academy task will be started once the portal is launched. Ten framework layer workgroups, a technology workgroup, and requirements workgroup have been created, staffed, and activated. All twelve workgroups have been fully functional for over a year. The framework layer workgroups have assessed the current status of Louisiana's ten framework data layers, collected requirements for enhancing the contents of those layers, and have incorporated their inputs and recommendations in the I-Team Plan. The requirements workgroup has consolidated the driving needs identified by the framework layer and technology workgroups into a single set of state-level geospatial requirements. A draft I-Team Plan has been assembled and is undergoing final review prior to publication as the official initial version in September 2003. This initial version of the plan will be released with the Second Annual Governor's Report which is also scheduled for release in September.

The Technology Workgroup has collected requirements for the portal, developed a description of the portal functionality, and developed an architecture to provide that functionality. Key features have been prototyped in the Louisiana Geeographic Center (LAGIC) lab at LSU to reduce the development risk once the portal is integrated in an operational configuration. LAGIC is the technical development lead for the portal with special expertise from industry specialists. One of the key features of the portal design is leveraging and sharing of resources that already exist in organizations such as Department of Environmental Quality and the LSU Atlas Center

Earlier plans to host LouisianaMAP at Louisiana Technology Park under the Memorandum of Understanding between OIT and Louisiana Technology Park were changed in July 2003. Because Technology Park has an opportunity to attract new business to Louisiana utilizing the resources previously allocated to LouisianaMAP, it was Determined to be in the best interest of the state to support that opportunity by reverting to the original plan to host LouisianaMAP at a state facility. This change is consistent with the original TIF proposal and MOU and will not further impact delivery of the Portal. The portal will be released in three sets of capabilities or effectivities. Effectivity 1 will consolidate access to existing state geospatial information and services in a single gateway, the portal. This effectivity will also ensure that user access to these resources is initiative. Effectivity 2 will add new services that currently are not available through state web resources. A key service scheduled for Effectivity 2 is the locational service that will permit web applications on other state servers to derive locational information from the geospatial portal as a web service. Effectivity 3 will incorporate high priority capabilities to be identified through the I-Team process. Effectivity 1 and most of Effectivity 2 will be included in the October 2003 launch.

    B.   Accomplishments

- State I-Team Coordinator selected.

- Agreements executed with LSU for First and Second year technical support to the I-Team effort

- I-Team workgroups all established and functional. The following URL   http://lagic.lsu.edu/I-team/groups.asp provides an organizational structure for the I-Team and shows the participants of each working group.

- "As-Is" status of Louisiana Framework Layers collected by the respective working groups and incorporated in the I-Team Plan.

- Interim I-Team requirements collection tools installed. An overview of the requirements process is presented at URL http://lagic.lsu.edu/I-Teams/Presentations/2002/ITEAM-PRES-REQUIREMENTS-20020516-00.ppt

- Rational'e Requesite Pro was selected for the Requirements management tool for the LouisianaMAP geospatial portal.

- First Annual Governor's report developed. This report can be accessed at URL iteam-cr-steering-20021031-00. The second Annual Governor's Report will be submitted in September 2003.

- Professional Services agreement to provide additional technical support to the portal development in place

- Functional description for LouisianaMAP portal developed

- Technical architecture for LouisianaMAP developed

- Portal prototyping conducted at LAGIC

- Development of web services to be offered by the Portal and used by the Portal for Imagery integration in development under Professional Services agreement. These web services are consistent with the functional requirements described in the functional description.

- I-Team plan has been completed and will be released with Report to the Governor in September 2003

- The LouisianaMAP Portal hosting strategy was revised back to that proposed in the original TIF proposal; hosted on state operated equipment at a state facility. Hardware and software procurement consistent with this strategy is underway and the facility will be activated at Office of Computing Services in September 2003.

- LouisianaMAP Geospatial Portal scheduled to be launched in early October 2003.

C.   Problems Encountered/Action Taken or Planned

No technical problems have been encountered.

There have been schedule adjustments to implementation of the geospatial portal. First, start of the I-Team technical support effort was delayed until July 2002 awaiting modifications to the LAGIC support contract. Secondly, the activation of portal hosting environment was synchronized with establishment of a product standard for Application Platform Suite (APS) and the state e-government portal hosting activities. While the standard and the hosting facility became available in July 2003, it was subsequently determined to move LouisianaMAP back to the original hosting plan as contained in the TIF MOU with no additional schedule impact. The combination of these two adjustments has delayed the schedule for the initial launch of the geospatial portal several months.

D.   Major Milestones (Original vs. Current Estimate)

	Original	Current Estimate
Governor's Report	Sept 2002	October 2002 (actual)
Initial Portal Release	Nov 2002	October 2003
Initial I-Team Plan Draft	Nov 2002	July 2003 (actual)

VI   COST VS. BUDGET

	Category	Budgeted	Actual	Projected Surplus
A.	Equipment	$ 63,000	0	0
B.	Software	$156,575	$ 15,000	0
C.	Telecommunications	0	0	0
D.	Professional/Contract Services	$240,000	$ 220,940	0
E.	Other Costs	$ 12,600	$ 1,010	0
	Total Project Cost	**$472,175**	**$236,950**	**0**

VII   ITEMIZED EXPENSES AND FINANCIAL OBLIGATIONS INCURRED DURING THIS REPORTING PERIOD

A.
Vendor -	LSU
Product Description -	Technical support to create I-Team Plan
Order Number-	CFMS # 563666
Amount -	$83,320 committed through June 30, 2003

B.
Vendor -	LSU
Product Description -	Technical support to finalize and maintain I-Team Plan
Order Number-	CFMS # 563666
Amount -	$83,320 committed July , 2003 through June 30, 2004

C.
Vendor	GIS Conference
Product Description	Costs associated with Federal I-Team Conference
Order Number	Check Reimbursement
Amount	$1,010

D.
Vendor	Rational Software Corp
Product Description	Rational Requesite Pro License and Maintenance
Order Number	3586299
Amount	$15,000

E.
Vendor	Interwoven
Product Description	Installation Services for Content management
Order Number	3584108
Amount	$10,800

F.
Vendor	ESRI
Product Description	Professional Services to develop Geospatial Web Services
Order Number	CFMS# 599530
Amount	$43,500